



Europäisches Patentamt
European Patent Office
Office européen des brevets

② Publication number:

0 367 204
A2

②

EUROPEAN PATENT APPLICATION

② Application number: 89120141.0

⑤ Int. Cl. 5 H04M 1/23

② Date of filing: 30.10.89

③ Priority: 03.11.88 US 266749

④ Date of publication of application:
09.05.90 Bulletin 90/19

④ Designated Contracting States:
AT BE CH DE ES FR GB GR IT LI LU NL SE

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④ Improved low profile rubber keypad.

⑤ A low-profile rubber keypad (100) with good tactile feel and illuminability includes a plurality of layers adhesively bonded to one another. The top layer (102) of the keypad is a silicone rubber overlay having a plurality of keys protruding therefrom. The rubber overlay (102) is adhesively bonded to an actuation layer (106) including a plurality of thin actuating strips. The actuation layer (106) is adhesively bonded to a tactile layer (110) including a plurality of collapsible resilient domes. The tactile layer (110) is adhesively bonded to a shorting layer (114) including a plurality of conductors (134). The shorting layer (114) is adhesively bonded to a flex circuit layer (118) including a plurality of conductors (136).

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